

ENSIGN COMMUNICATION INC.
INFORMATION DISPLAY SYSTEM

The program is resident in the Ensign 5000. When the computer is turned on the main menu will come up on the screen. You will note that instructions are given at the bottom telling you what to do.

When you first turn the computer on the screen will look like this:

> _____ <

Information Display System
By Dean Whitman
For Ensign Communications

- A. Edit Text
- B. Change Title Line
- C. Format Text
- D. Load Text
- E. Save Text
- F. Erase Text From Memory
- G. Change Scroll Speed
- H. Change Background Color
- I. Change Character Set

Press corresponding letter for options.

Press start key to scroll text.

Press option to return from scrolling.

> _____ <

Since there isn't any text or title line in the computer, pressing the start key will only show a blank screen, but do it anyway to go through the steps. Then press the option key to bring you back to the main menu.

You are now back to the main menu. Lets go through each step, A through I, a step at a time.

Press A on key board (caution - press key or keys only once).
Screen looks like this:

> _____ <

Edit Text - Submenu

- A. Edit with small text
(40 characters by 24 lines)

The
of
i

B. Edit with medium text
(20 characters by 24 lines)

C. Edit with large text
(20 characters by 12 lines)

H. Helpful hints on editing
(A must for first timers)

Press appropriate key for editing text .
Press return for main menu.

> _____ <

Here we will skip the text sizes, A, B, & C and go directly to H. You will see why we skip A, B, & C in a moment.

Press H on key board.
Screen looks like this.

> _____ <

Helpful Hints On Editing

In the editor, there are many useful functions that can be implemented. These functions are listed on the next screen. Single letters correspond to keys on the keyboard and words correspond to special functions keys on the keyboard or on the console.

REMEMBER

A line of text or spaces becomes the end of you actual scrolling text only if one character or more is entered on that line or if a return is entered. Select S will set the current line as the end of text. Use this option only if forward lines are not needed in scrolling . Press return to go to editing submenu. Press any other key to list functions.

> _____ <

You would only press the select key and then press the S key when you have a lot of text in memory but do not want all of it to scroll at the present time.

Press any key on the keyboard.
Screen looks like this.

> _____ <

Ctrl
Ctrl
Ctrl
Ctrl

= Cursor up
= Cursor down
= Cursor left
= Cursor right

Ctrl Insert	= Insert one space
Ctrl Delete	= Delete one space
Shift Insert	= Insert one line
Shift Clear	= Clear the screen
Select C	= Center text
Select E	= Go to end of text
Select L	= Left justify text
Select M	= Go to main menu
Select N	= Go to next page
Select P	= Previous page
Select R	= Right justify text
Select T	= Go to top of text
Return	= Go to next line
Delete backspace	= Delete last letter

In medium and large text, press caps/lowr and Atari (R) logo key for second color text. Press logo key and shift caps/lowr to return to normal. Press any key to go to editing submenu.

>

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You will want to study this screen for a minute, but don't try to memorize it now. Note the last information on this screen concerns changing the text color. All editing is done in a white letter regardless of the background color you choose. The option referred to here allows you to change a word, a line, or the whole text to red. Only the medium and large text can be changed. This function is normally used for titling or highlighting a message. Now, let's go back to the submenu for editing, by pressing any key.

Press any key on keyboard.
Screen looks like this:

>

<

Edit Text - Submenu

- A. Edit with small text
(40 characters by 24 lines)
- B. Edit with medium text
(20 characters by 24 lines)
- C. Edit with large text
(20 characters by 12 lines)
- H. Helpful hints on editing
(A must for first timers)

Press appropriate key for editing text.
Press return for main menu.

>

<

You will note this is the same screen we got when you pressed A at the

main menu. You then pressed H to bring up another screen of editing information then you pressed any key to bring up a screen of editing functions. Now you are back to the screen where the editing starts. The computer is asking you which size letter you want to use. You may press either A, B, or C on the keyboard.

Press A, B, or C on the keyboard.

You have a blank screen with the cursor in the upper left hand corner. If you have previously typed in text then you will see the first screen of your text, with the cursor in the upper left hand corner.

Now you can type in whatever you like using the keys and functions as indicated on the keyboard; plus all the functions you looked at on the second and third screens under the submenu editing mode. Unless you are a whiz kid their were probably to many functions there for you to remember. At this point if you haven't typed in anything type in the word "Hello". Press the select key on the console. Note the top of the screen. In small text you have: Selection - C, E, L, M, P, R, S, or T? In the editing mode there is no room on the screen for any instructions except here in this manner. These letters correspond to the letters you saw on the third screen under the editing mode. The computer is asking you what do you want to do with the text you have typed. You may want to refer back to those functions and use one or two on the information you have on the screen. One function you need to commit to memory now is how to get out of the editing mode you are in. The way out is press the select key and then the M key. M stands for menu. Note the relationship of the other letters with their function. C is for center text, E is for end of text, L is for left justify text, M for menu, P is for previous page, R is for right justify text, S is for stop text for scrolling. Remember this function is described on the screen previous to the screen where the other letter functions are described; but it appears with the other letters at the top of the screen here when the select key is pressed in the edit mode. T is for top of text.

Press select then M on the keyboard.
Screen will look like this:

```
> _____ <
                                     Main Menu
```

Press start on the console.
Screen will look like this:

```
> _____ <
```

Whatever you typed in will scroll up the screen.

```
> _____ <
```

You will note this is the same screen we got when you pressed A at the

You are now ready to learn some other functions like putting in a title line, changing the format of the text, changing scrolling speed, background color, or character set. Lets take them one at a time. Once you learn the functions it doesn't matter what order you do them in except there is a logical sequence to some functions.

At this point you need to commit another function to memory if you haven't already done so. To bring back the main menu from the scrolling mode you press the option key on the console.

Press option on the console
Screen will look like this

> _____ <

Main Menu

> _____ <

Now, let's move on to the other functions on the main menu. We will start with B, Change Title Line.

Press B on the keyboard.
Screen will look like this.

> _____ <

Change Title Line - - Submenu
Current Title = _____

A. Change current title line
Press A to change title
Press Return for Main Menu

> _____ <

Press A on the keyboard.
Screen will look like this.

> _____ <

Enter Your New Title
Press Return When New Title Is Entered

[]

> _____ <

After entering a title line you press the return key on the console to get back to the main menu. Remember, the title line is only in the large text and you have 20 spaces in the title line.

Press return on the keyboard
Screen will look like this:

>-----<
Main Menu
-----<

If you wish to see the title press Start on the console then press option on the console to return to the main menu. Now lets cover the **format text mode**.

Press C on the Keyboard
Screen will look like this;

>-----<
FORMAT TEXT ----- SUB MENU

- A. CENTER TEXT
- B. LEFT-JUSTIFY TEXT
- C. RIGHT-JUSTIFY TEXT

PRESS APPROPRIATE KEY TO FORMAT TEXT
PRESS RETURN FOR MAIN MENU

>-----<
These functions may appear as duplicates of similar functions in the edit mode. However, these functions will effect the entire text whereas those in the edit mode only effect a line or word at a time.

Press A on the keyboard
Screen will look like this;

>-----<
VERIFICATION MENU

ARE YOU POSITIVELY SURE ???????????

N. No

Y. Yes

Press appropriate key for verification
Press Return for Main Menu

>-----<
Note the computer asks for verification on steps from here on because you are effecting the entire text, not just a word or a line or even a page. If you are not sure you can press N on the keyboard which will immediately return you to the main menu. You may want to review the text again to make sure if you want all lines centered. Once you press Y all lines in the text will be centered. The only way to change them without retyping everything would be to use the Left or Right justify function which you will cover in a minute. Thats why the computer asks the question, are you positive? If you press Y the computer centers

all lines then returns to the main menu.

Press C on keyboard

Screen will look like this :

>

Format text ----- Sub Menu

a. Center Text

b. Left-Justify Text

c. Right -Justify Text

Press appropriate Key To Format Text

Press Return for Main Menu

>

Press B on keyboard

Screen will look like this

>

Verification Menu

Are you Positively Sure??

N. NO

Y. YES

Press appropriate key for verification

Press Return Key for Main Menu

>

Left and right justify will set all lines even. Either to the right or left margin depending on what you tell it to do. Again you will be effecting all lines now in the text so the computer wants you to be sure that is what you want. Pressing N will bring you immediately back to the main menu, Y will move all lines to the left margin then return to the main menu.

If you wish, you can go through the same sequence for the right justify by pressing C on the keyboard then C again when the submenu appears.

Back at the main menu. Now lets skip K and go to E , SAVE TEXT

Press E on the Keyboard

Screen will look like this;

>

Save Text-- Sub-Menu

C. Save To Cassette

D. Save To Diskette

F. Format Diskette

press appropriate key to save text.

Press return for Main Menu.

>-----<
In case of a power failure all edited material in memory will be lost. So you don't have to retype all the information each time you may elect to have an optional cassette player or diskette. If you use a disk drive the diskette must be formatted so let's go to f first.

Press F on the keyboard.
Screen will look like this.

>-----<
Verification Menu
Are you positively sure????
N. No
Y. Yes

Press appropriate key for verification.
Press Return for Main Menu.

>-----<
Press Y on keyboard.
Screen will look like this:

>-----<
Formatting Diskette - - Please Standby

>-----<
If diskette is in the disk drive properly and the disk drive is properly hooked up the computer will format the diskette in about 1 minute, then return to the main menu. If it isn't properly hooked up the following message will appear on the screen, then return to the main menu.

Screen will look like this:

- >-----<
A. Diskette error has occurred - - either:
1. The disk drive is not on or hooked up
2. The diskette is not a data diskette
3. The diskette is not formatted

>-----<
If there is an error it must be corrected, then the computer will properly format the diskette, then return to the main menu: The same sequence is followed if you are using a cassette, except cassettes do not need to be formatted. The computer can not tell if a cassette is properly hooked up or even if a cassette is there at all like it can in

the case of the disk drive. If you are using a cassette to save text, you press C on the Save Text - - Submenu, then press Y on the Verification Menu. A message, press any key when ready, will appear on the screen. Pressing any key will put the computer into the save text function. A message will appear at the top of the screen, Saving Text - - Please Standby. This message will remain until it is through saving text, then it will automatically go back to the main menu. Saving to or loading from cassettes will take several minutes, so plan on waiting. You may think the computer is stuck but it will eventually come back to the main menu when it is finished.

Now that you have gone through the Save Text function let's go back to the Load Text function. Both of these functions are very similar. One is just the reverse of the other.

Press D on the keyboard.
Screen will look like this:

```
>-----<
Load Text - - Submenu
C. Cassette load
D. Diskette load
```

Press appropriate key to load text.
Press return for Main Menu.

```
>-----<
```

Pressing C or D, depending on whether you are loading from a cassette or diskette, the computer will come up with the Verification Menu.

Press C or D on keyboard.
Screen will look like this:

```
>-----<
```

VERIFICATION MENU

Are you positively sure???

N. No
Y. Yes

Press appropriate key for verification.
Press return for Main Menu.

```
>-----<
```

If you are loading from a cassette you would press Y at the verification menu. That will bring up the message on the screen, press any key when recorder is ready.

Press C on Load Text - - Submenu, then press Y on Verification Menu.
Screen will look like this:

>-----<
Press any key when recorder is ready

>-----<
Pressing any key will put the computer into the loading function. Remember the computer can not tell whether there is a cassette there or not so it will go through the function anyway. This will take several minutes. While it is loading a message will appear on the screen, Loading Text - - Please Standby. When finished the computer will automatically go back to the main menu.

Press D on Load Text - - Submenu, then press Y on Verification Menu. Screen will look like this:

>-----<
Press any key when diskette is inserted.

>-----<
The diskette must be formatted first unless it has previously been formatted. Pressing any key will put the computer into the loading function. A message will appear on the screen, Loading Text - - Please Standby. When finished the computer will automatically go back to the main menu. If there is a problem, the screen will look like this:

>-----<
Problem:

- A. Diskette error has occurred - - either:
 1. The disk drive is not on or hooked up
 2. The diskette is not a data diskette
 3. The diskette is not formatted

>-----<
This message will last momentarily then go back to the main menu. You will need to correct the problem then go through the, Load Text, functions again.

Next let's go through the, **Erase Text from Memor, function.** This function is handy if you change all of your text regularly. If you just change a line or two regularly you will not use this function much.

Press F on the keyboard at the main menu. Screen will look like this.

>-----<
Erase Text From Memory - - Submenu
Are you positively sure????

N. No
Y. Yes

Press appropriate key to verify erasing.
Press return for Main Menu.

>-----<

That function is pretty straight forward. Now let's go to the scrolling speed.

Press G on the keyboard.
The screen will look like this:

>-----<

Change Scroll Speed - - Submenu
Current Scroll Speed = 0

Enter a scroll speed between 0 and 9, 0 being fast and 9 being slow.
Enter the desired scroll speed or press return for Main Menu.

>-----<

That's another simple function. Next is the background color function.

MAIN MENU

Press H on the keyboard.
Screen will look like this:

>-----<

Change Background Color - - Submenu

- A. Gray
- B. Gold
- C. Orange
- D. Red-orange
- E. Pink
- F. Purple
- G. Purple-blue
- H. Blue
- I. Light blue
- J. Turquoise
- K. Green-blue
- L. Green
- M. Yellow-green
- N. Orange-green
- O. Light orange

Press appropriate key to change color.
Press return for Main Menu.

>-----<

Whatever color you pick will be the new background color when you press return and go back to the main menu.

That was easy. Our last function is the character set. This will change any of the three text sizes from a standard character set to a computer style character set, or just the opposite.

MAIN MENU

Press I on the keyboard.
Screen will look like this:

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----->
Change Character Set - - Submenu
A. Standard Character Set
B. Computer Style Character Set

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Press appropriate key for character set.
Press return for Main Menu.

```

-----<
The computer is in the standard character set, so you may want to change
it to the Computer Style to see what it looks like. If you do not like
it, run through the steps and change it back to standard.

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Thats it, thats the whole program. Now that was not as bad as you thought it was going to be, was it? Maybe that is not a fair question at this point.

Just remember two things: This computer, like all computers, needs to be kept as clean as possible and it needs ventilation. Do not stack papers, books, etc. on top or around it that would restrict air circulation or place it in an area where it will collect dust.

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A. Edit with small text
(40 characters by 24 lines)

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